



Clarke IG2000 Inverter Generator Quick Setup Guide

Before using the generator it is important that you have read in the Operation & Maintenance Manual that is kept with the generator. In particular, to ensure safe operation, the safety rules must be followed. A copy of this quick setup guide and the manual is held in the members section of the G8SRS web site.

INITIAL CHECKS

1. Check the generator is on level ground in a well-marked and ventilated area.
2. Check the safety earth wire is fitted from the generator to an earth spike driven into the ground next to the generator.
3. Check there are no leaks from the generator.
4. Check the Oil level if 'Last checked' date is greater than 6 months ago. (Posidriv screwdriver needed)
5. Check the Air filter if 'Last checked' date is greater than 12 months ago. (Posidriv screwdriver needed)
6. Check there is sufficient **unleaded fuel** in the tank. Note. The max capacity of 4.1lites gives approx 4 hrs running in economy mode.

STARTING THE GENERATOR

1. Remove all connections from the A.C. sockets,
2. Set the Air Vent knob on the fuel cap to OPEN.
3. Turn Fuel Valve to ON.
4. Set Engine Switch to ON.
5. Move choke lever to CHOKE position.
6. If the generator last stopped when it ran out of fuel then pump the primer bulb six times.
7. Grip starting handle. Take up the slack on the pull cord then pull sharply. Repeat if the generator fails to start.
8. Once running, move the choke lever to the RUN position.

RUNNING

1. If using Radio Equipment EMI filters will probably be required in circuit to suppress the Inverter noise,
 - a. If operating above 14MHz just the small filter is sufficient
 - b. If 7MHz operation is intended the larger Belling Lee filter is also required in circuit.
2. With the selected filter(s) in circuit insert the A.C. power lead.
3. Switch ECON to ON if the load applied is variable (e.g. transmit operations), as this will automatically adjust the generator speed for different loads and save fuel.

WARNING INDICATORS

1. DC OVERLOAD PROTECTOR – If this trips wait a few minutes and press the reset button.
2. OUTPUT – Lit Green for normal operation.
3. OVERLOAD – Lit Red if fault or short circuit. Lower the load but if the condition persists switch off.
4. OIL ALERT – Lit Red if Oil Level is low (check generator is on level ground).

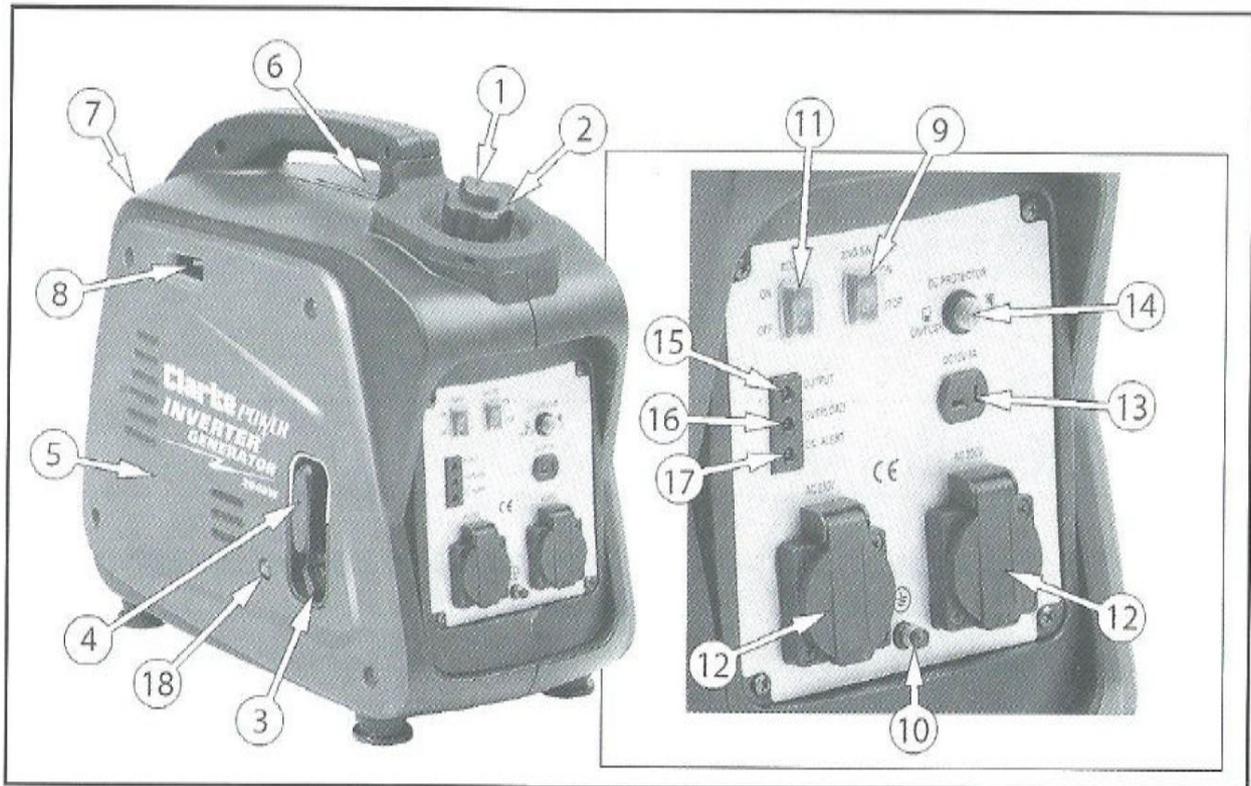
SHUTTING DOWN

1. In an emergency set the ENGINE SWITCH to OFF.
2. For normal shutdown, first disconnect all electrical devices
3. Switch ECON to OFF
4. Turn fuel valve to OFF
5. Turn the Air Vent knob on the fuel cap to CLOSED.
6. Set the ENGINE SWITCH to OFF.



Figure 1- Typical Setup

GENERATOR OVERVIEW



NO	DESCRIPTION	NO	DESCRIPTION
1	Air Vent Knob	10	Earthing Point
2	Fuel Cap	11	Economy Control Switch
3	Fuel Valve Knob	12	AC Socket
4	Starting Handle	13	DC Socket
5	Side Maintenance Cover	14	DC Circuit Breaker
6	Top Maintenance Cover	15	Output Indicator
7	Muffler	16	Overload Indicator
8	Choke	17	Oil Alarm Indicator
9	Engine ON/OFF Switch	18	Primer Bulb